AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Previously Presented) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass formed from a composition substantially comprising 30 to 60 mol % of CaO, 40 to 70 mol % of SiO_2, 20 mol % or less of Na_2O, and 0.1-1.0 mol % of CaF_2, said sintered calcium phosphate being excellent in cell attachment, cell proliferation and alkaline phosphotase activity, wherein said composition forming the bioactive glass is free from P_2O_5, and said sintered calcium phosphate is formed from a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.

2. (Canceled)

3. (Previously Presented) The sintered calcium phosphate according to claim 1, wherein said composition forming said bioactive glass further comprises B_2O_3.

4. (Canceled)

5. (Previously Presented) The sintered calcium phosphate according to claim 1, wherein a difference between glass transition temperature and crystallization initiation temperature in said bioactive glass is 80°C or more.

6. (Canceled)

7. (Previously Presented) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass formed from a composition substantially comprising 30 to 60 mol % of CaO, 40 to 70 mol % of SiO_2, 0.1-1 mol % of CaF_2, and at least one of Na_2O and B_2O_3, Na_2O being 20 mol % or less, and B_2O_3 being 5 mol % or less, said sintered calcium phosphate being excellent in cell attachment, cell proliferation and alkaline phosphotase activity, wherein said sintered calcium phosphate is formed from a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.

8. (Cancel)

9. (Previously Presented) The sintered calcium phosphate according to claim 7, wherein said composition forming said bioactive glass is free from P_2O_5.

10-12. (Canceled)

13. (Previously Presented) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass formed from a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO_2, 0.1-5 mol % of Na_2O, and 0.1-1 mol % of CaF_2, wherein said sintered calcium phosphate is formed from a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.

14. (Previously Presented) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass formed from a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO_2, 0.1-5 mol % of Na_2O, and B_2O_3, said B_2O_3 being present

in an amount of 5 mol % or less, wherein said sintered calcium phosphate is formed from a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.

15. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass formed from a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO_2, and 0.1-5 mol % of Na_2O, said sintered calcium phosphate being excellent in cell attachment, cell proliferation and alkaline phosphotase activity, wherein said sintered calcium phosphate is formed from a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate, ~~and~~ wherein a difference between glass transition temperature and crystallization initiation temperature in said bioactive glass is 80°C or more, and wherein said composition forming said bioactive glass is free from P_2O_5.

16. (Canceled)

17. (Currently Amended) A sintered calcium phosphate comprising a bioactive glass as a sintering aid, said bioactive glass formed from a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO_2, and at least one of Na_2O, CaF_2 and B_2O_3, Na_2O being 0.1 to 5 mol %, CaF_2 being 0.1-1 mol %, and B_2O_3 being 5 mol % or less, wherein said sintered calcium phosphate is formed from a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate, and wherein said composition forming said bioactive glass is free from P_2O_5.

18.-21. (Canceled)

22. (Previously Presented) The sintered calcium phosphate according to claim 1, wherein the composition forming said bioactive glass comprises CaO and SiO_2 in approximately equal molar ratios.

23. (Canceled)

24. (Previously Presented) The sintered calcium phosphate according to claim 1, wherein said bioactive glass generates a ß-wollastonite crystal at a crystallization temperature.

25. (Canceled)

26. (Previously Presented) The sintered calcium phosphate according to claim 13, wherein a difference between glass transition temperature and crystallization initiation temperature in said bioactive glass is 80°C or more.

27. (Previously Presented) The sintered calcium phosphate according to claim 13, wherein said composition forming said bioactive glass is free from P_2O_5.

28. (Previously Presented) The sintered calcium phosphate according to claim 13, wherein said bioactive glass generates a ß-wollastonite crystal at a crystallization temperature.